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Ro

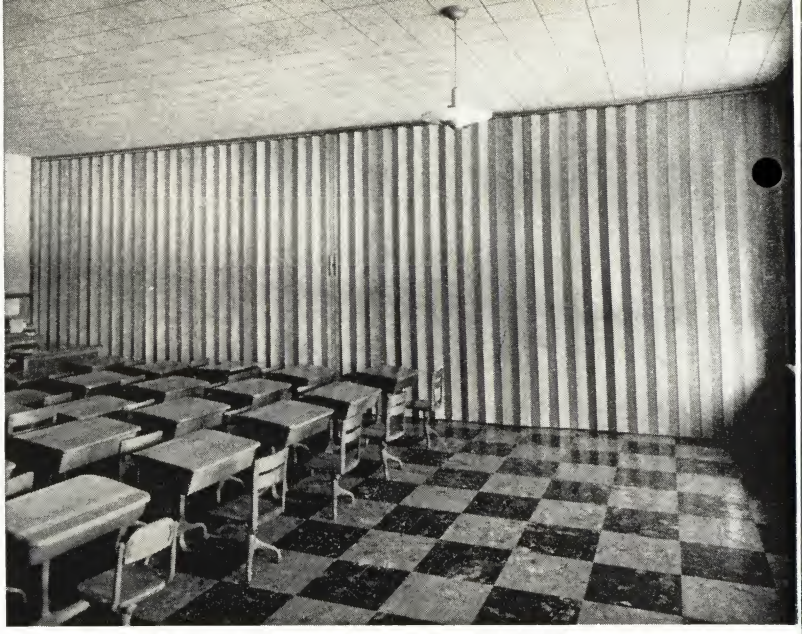
Pella®

WOOD FOLDING DOORS

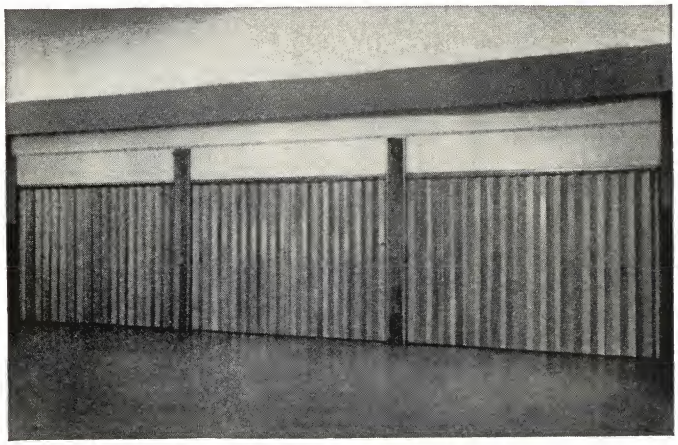
ARCHITECTS: BELLMAN, GILLETT AND RICHARDS—TOLEDO

ABOVE: In coffee shop of Commodore Perry Hotel, Toledo, Ohio, Pella Folding Doors provide privacy in decorative manner.
BELOW: Same room with Pella Doors folded against pilaster.

AT WICKLIFFE ELEMENTARY SCHOOL, Youngstown, Ohio, Pella Wood Folding Doors quickly convert the auditorium into two much-needed classrooms. "Our Pella Doors," states Marcus V. McEvoy, Superintendent, "harmonize beautifully with woodwork furnishings and trim. Best of all, mechanical operation is so simple a sixth grade child can open and close the Pella Folding Doors."



VERSATILE Pella®



Only *PELLA* offers the natural beauty of WOOD in a quality folding door of lasting construction. Individual laminated panels, ⅜" thick and 3⅝" wide, joined by continuous spring hinging, stack to 6" for the average interior door opening. Track with concealing wood mould, all attaching hardware *and latch* are supplied as standard items. Pella doors are prefitted to install quickly and easily in any prepared opening. Available in pine, oak, mahogany or birch veneer. Specify painted, clear varnished or unfinished. Custom-built to your specifications or available in stock sizes.

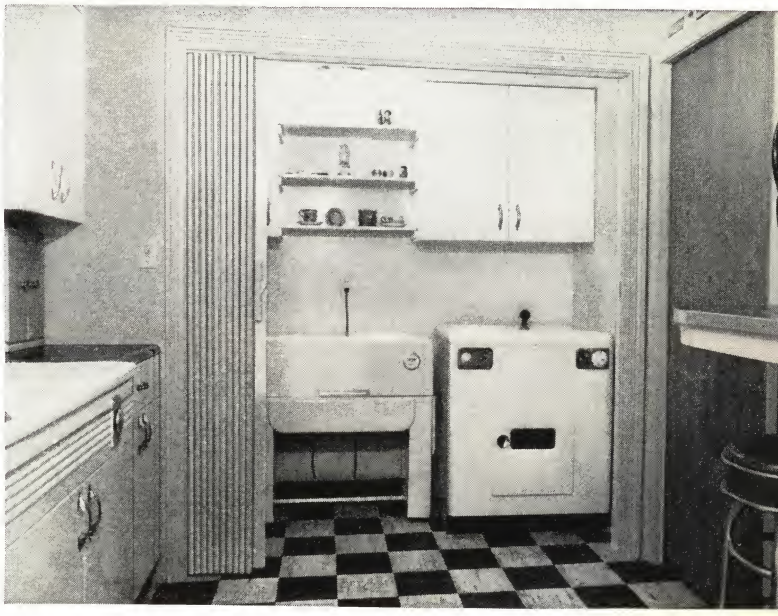
ABOVE: In Newton, Iowa, the FIRST METHODIST CHURCH finds Pella Wood Folding Doors ideal for dividing off Sunday School rooms from the main Sunday School auditorium. 2-way, 3-way, 4-way end posts, two type of track switches and curved track are available to help you solve problems of space division and door storage.

RIGHT: View in FIRST METHODIST CHURCH, Newton, Iowa, with Pella Doors open.

Between living, dining and kitchen areas, Pella Wood Folding Doors provide welcome privacy.

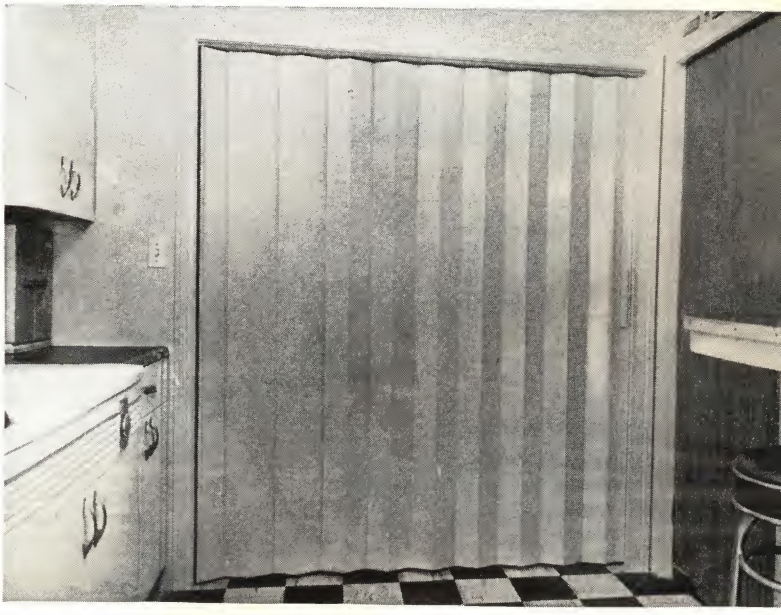
For HOMES, OFFICES, SCHOOLS, CHURCHES, COMMERCIAL BUILDINGS

WOOD FOLDING DOORS



RIGHT ABOVE: Pella Wood Folding Doors open to give easy access to laundry appliances.

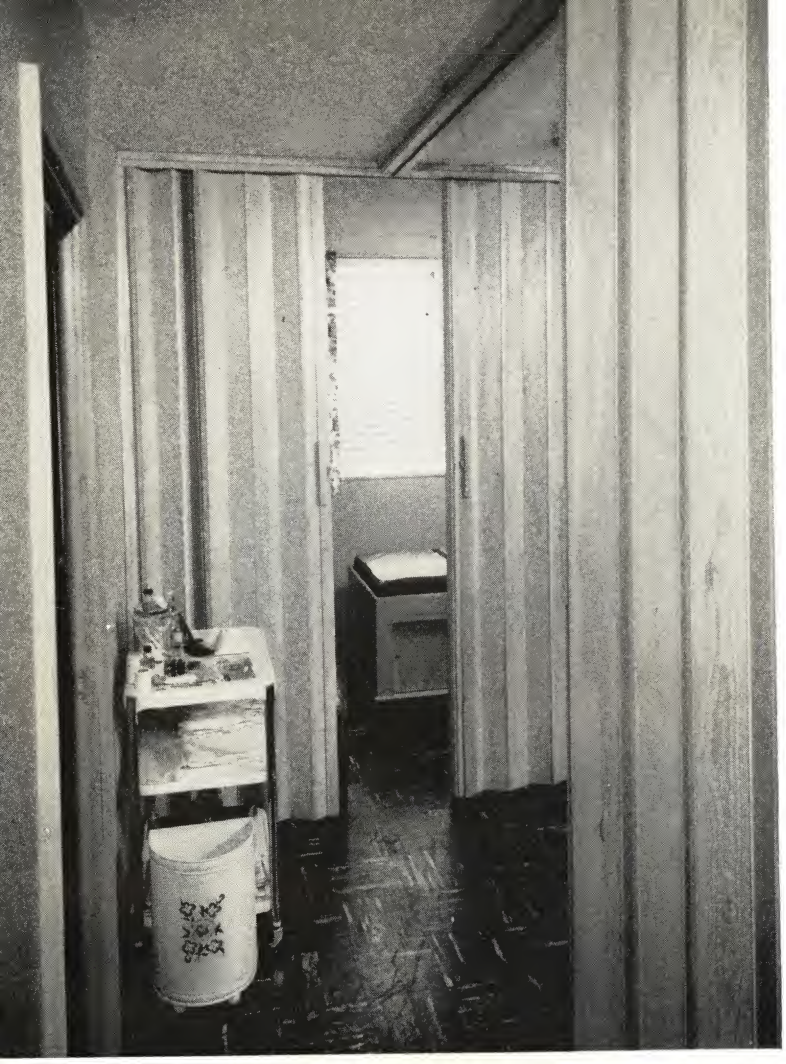
RIGHT BELOW: With Pella Doors closed, end of kitchen becomes a decorative feature. Pella Wood Folding Doors are the ideal solution to problems of closing off work and storage areas in today's open plan homes and apartments.



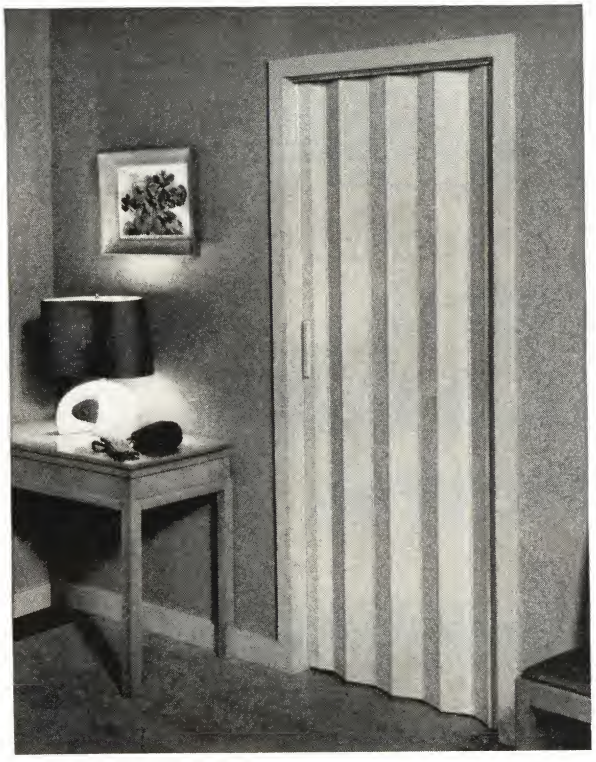
USE PELLA WOOD FOLDING DOORS

- ★ For any interior door opening
- ★ For room partitions
- ★ As space dividers
- ★ For closet fronts
- ★ To conceal storage spaces and utility rooms in homes and institutions
- ★ To close off counters in stores, restaurants and bars
- ★ To conceal filing spaces, cloak rooms in offices
- ★ To close off shelves in stores
- ★ In built-in custom cabinets

Pella® WOOD FOLDING DOORS



LEFT: Preparation and examining cubicles in this physician's office utilize Pella Folding Doors. Elimination of swinging doors means extra floor and wall space for circulation and equipment.



ABOVE: Pella Folding Doors are constructed of laminated wood panels faced with Pine, Birch, Oak or Mahogany veneers. Available unfinished, painted or varnished.

ABOVE: Pella Folding Doors with joining end posts make a practical and decorative bar closure.

RIGHT: Hung directly from ceiling, Pella Folding Doors can save on stub wall construction costs for closets.

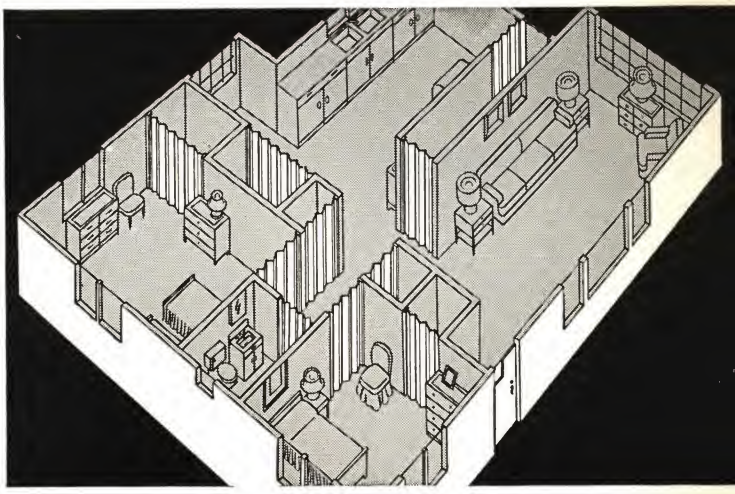
Pella® OFFERS MODERN CONVENIENCE AND ECONOMY

MAKE SUBSTANTIAL SAVINGS ON NEW CONSTRUCTION

Building costs can be effectively reduced by using Pella Wood Folding Doors in homes, churches, schools and commercial buildings. The average swing-type door uses from 5½ to 11 sq. ft. of floor space and 18 sq. ft. of wall space. Pella Doors convert this waste space into usable area. Actually, Pella Doors pay for themselves when you consider the extra space they provide.

Pella Folding Doors cut labor and material costs, too. THREE Pella Doors can be installed in the time normally required to fit and hang ONE swing-type door. Anyone can install a Pella Folding Door quickly and easily.

You can make substantial savings on wall construction by using floor-to-ceiling Pella Doors and by installing them across entire closet fronts. You can also use Pella Doors to form movable partitions between rooms. Costly double wall construction, necessary to provide recess for sliding doors, is also eliminated with Pella Wood Folding Doors.



Pella® DOORS ARE AVAILABLE IN STOCK OR CUSTOM SIZES — PAINTED, VARNISHED OR UNFINISHED

CUSTOM Pella Wood Folding Doors are built to specifications in widths up to 30′ 2¼″ and heights up to 10′ 1″.

There are two grades of custom doors: (1) Varnish Grade Pine; (2) Hardwood Veneer (choice of Red Oak, Unselected Birch or Philippine Mahogany).

Any of the above doors can be ordered (1) Finished or (2) Unfinished.

Factory-finished doors are offered in white, two shades of ivory or clear varnish. Colors matched by special order.

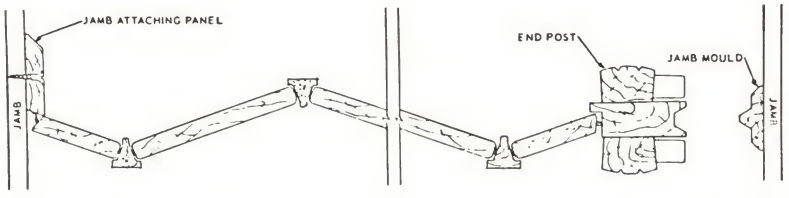
STOCK Doors are available in the following widths: 2′ 4″, 2′ 6″, 2′ 8″, and 3′ 0″; height of all stock doors is 6′ 8″. Stock doors are available in Pine and Philippine Mahogany. Finished or Unfinished. Unfinished doors are sanded and ready for finishing.

SOUND-RETARDANT PROPERTY

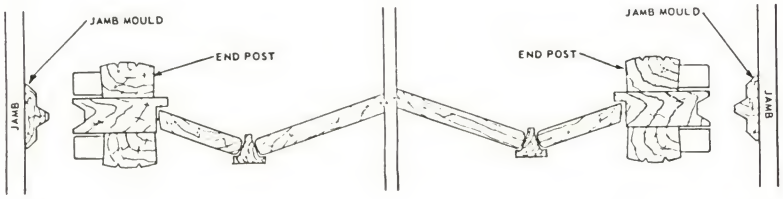
Results of tests made by the Armour Research Foundation's acoustical laboratory show that a standard Pella Wood Folding Door installation gives an average 20.75 decibel reduction in a frequency range of 350 to 4,000 cycles per second.

COMPLETELY PACKAGED

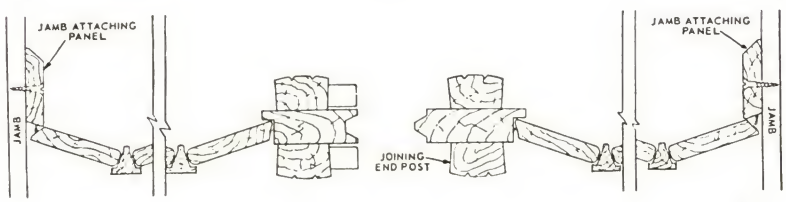
Pella Wood Folding Doors are assembled at the factory and come ready for quick, easy installation. Package contains door, all necessary hardware (including latch) and fittings, and illustrated installation instructions.



SINGLE PELLA DOOR—Pella Doors are ideal between kitchen and dining areas. They fold back compactly when food and dishes are being carried from room to room, provide "atmosphere" and privacy during the meal. Every inch of space right up to the edge of the door can be used for chairs, pictures and other furnishings.



PELLA DOOR WITH DOUBLE END POSTS—Pella Folding Doors with double end posts are ideal for double closets. Suspended from a track at the top, they open and close from either side, giving full accessibility to the closet area. Garments are easier to locate. Closets have a neater appearance.



PELLA DOORS WITH JOINING END POST—Double bedroom closets are fully accessible when two Pella Doors are installed in the same opening with end posts joining at the center. Hung from the ceiling, they cut inside wall construction and provide extra drawer space at the bottom.

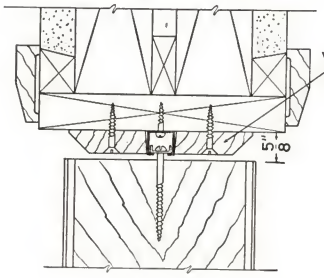
DETAILS

Pella® WOOD

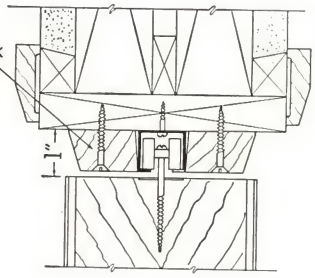
HEAD SECTION

SCALE: 1/4" EQUALS 1"

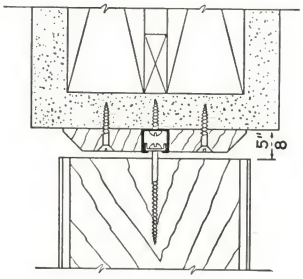
LIGHT TRACK INSTALLED ON WOOD



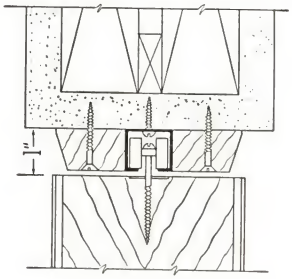
HEAVY TRACK INSTALLED ON WOOD



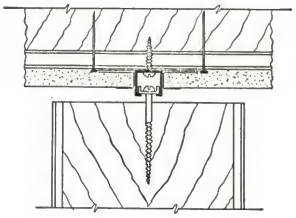
LIGHT TRACK INSTALLED ON PLASTER



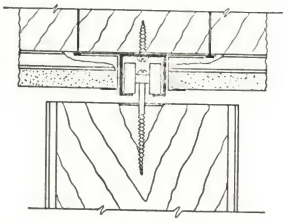
HEAVY TRACK INSTALLED ON PLASTER



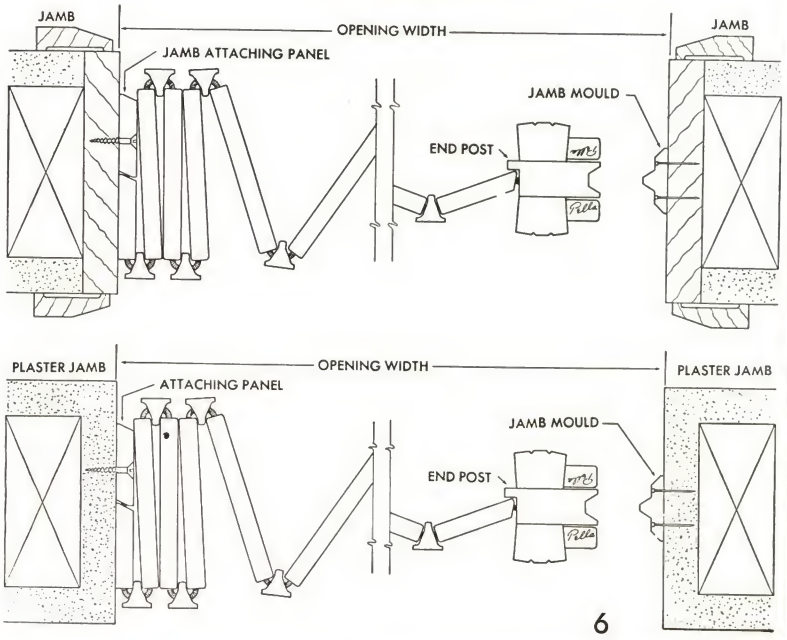
LIGHT TRACK RECESSED IN PLASTER



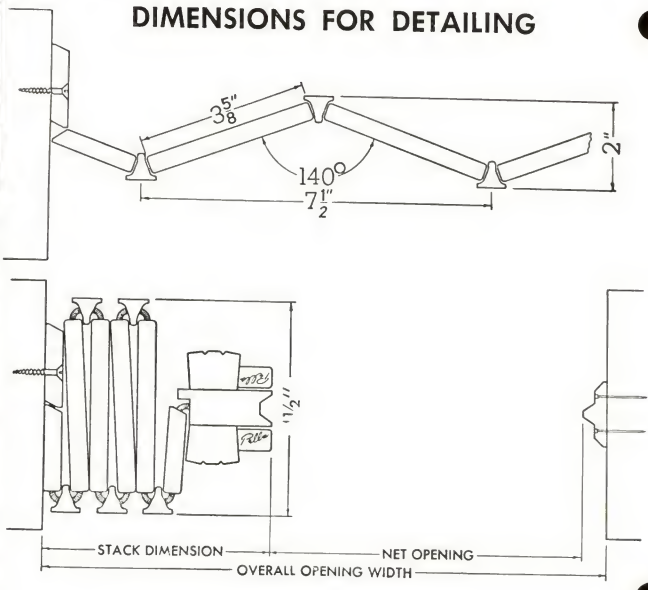
HEAVY TRACK RECESSED IN PLASTER

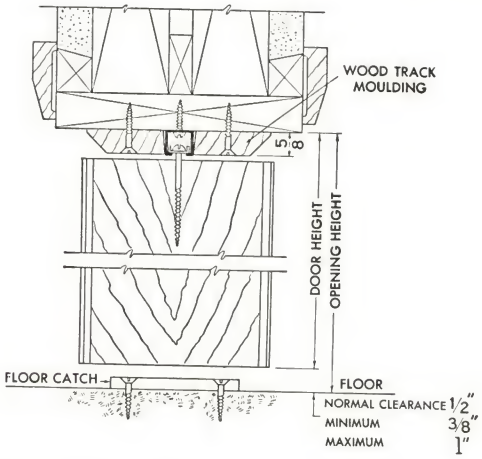


JAMB SECTION



DIMENSIONS FOR DETAILING

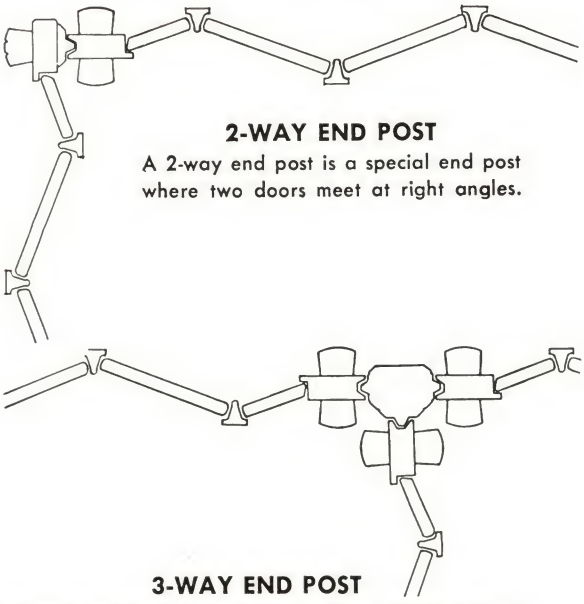




OPENING WIDTH	STACK SIZE	OPENING WIDTH	STACK SIZE	OPENING WIDTH	STACK SIZE
21"	4½"	133½"	19½"	249¾"	35"
24¾"	5"	137¼"	20"	253½"	35½"
28½"	5½"	141"	20½"	257¼"	36"
30⅜"	6"	144¾"	21"	261"	36½"
32¼"	6"	148½"	21½"	264¾"	37"
36"	6½"	152¼"	22"	268½"	37½"
39¾"	7"	156"	22½"	272¼"	38"
43½"	7½"	159¾"	23"	276"	38½"
47¼"	8"	163½"	23½"	279¾"	39"
51"	8½"	167¼"	24"	283½"	39½"
54¾"	9"	171"	24½"	287¼"	40"
58½"	9½"	174¾"	25"	291"	40½"
62¼"	10"	178½"	25½"	294¾"	41"
66"	10½"	182¼"	26"	298½"	41½"
69¾"	11"	186"	26½"	302¼"	42"
73½"	11½"	189¾"	27"	306"	42½"
77¼"	12"	193½"	27½"	309¾"	43"
81"	12½"	197¼"	28"	313½"	43½"
84¾"	13"	201"	28½"	317¼"	44"
88½"	13½"	204¾"	29"	321"	44½"
92¼"	14"	208½"	29½"	324¾"	45"
96"	14½"	212¼"	30"	328½"	45½"
99¾"	15"	216"	30½"	332¼"	46"
103½"	15½"	219¾"	31"	336"	46½"
107¼"	16"	223½"	31½"	339¾"	47"
111"	16½"	227¼"	32"	343½"	47½"
114¾"	17"	231"	32½"	347¼"	48"
118½"	17½"	234¾"	33"	351"	48½"
122¼"	18"	238½"	33½"	354¾"	49"
126"	18½"	242¼"	34"	358½"	49½"
129¾"	19"	246"	34½"	362¼"	50"

FOLDING DOORS

END POSTS

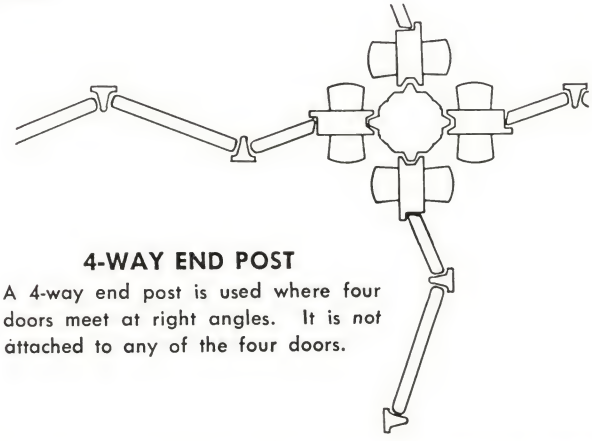


2-WAY END POST

A 2-way end post is a special end post where two doors meet at right angles.

3-WAY END POST

A 3-way end post is used where three doors meet at right angles. It is *not* attached to any of the three doors.

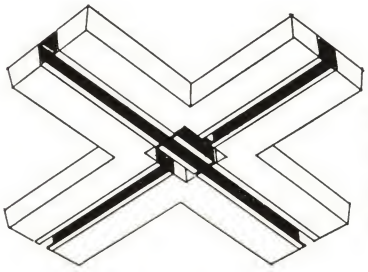


4-WAY END POST

A 4-way end post is used where four doors meet at right angles. It is *not* attached to any of the four doors.

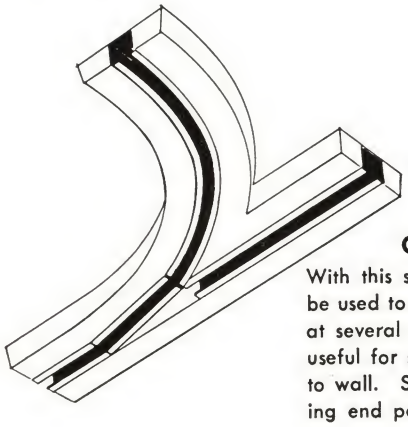
TRACK SWITCHES

Use of Pella track switches enables Pella Door sections to be moved for use or for storage practically anywhere in a given room. They are particularly useful in church, school, club and commercial work.



CROSS OVER SWITCH

Permits one Pella Door to cross track of another door section which operates at right angle. Cross over frog is manually operated.



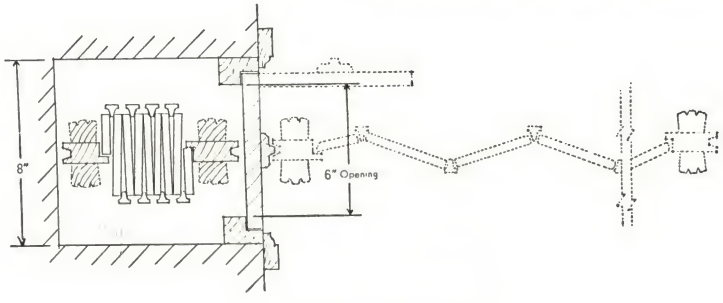
CURVE SWITCH

With this switch, one door section can be used to divide a room into two parts at several predetermined points. Also useful for storing folded doors parallel to wall. Switch is operated by engaging end post of door and turning.

CURVED TRACK AVAILABLE WITH LITTLE AS 1 FT. RADIUS

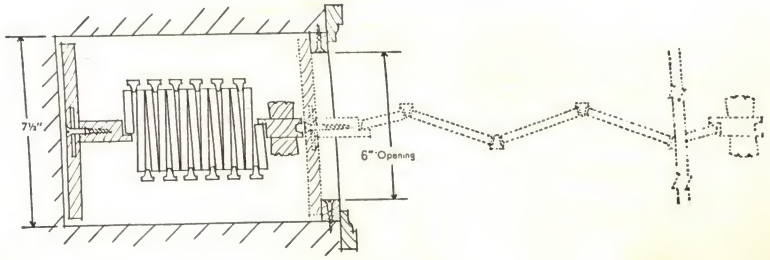
Ideal for moving Pella Folding Doors around structural members and for achieving free form wall effects. Pella curved track and track mould are available in the following radii: 1, 2, 3, 4, 6, 8, 10 feet.

RECESSED POCKET INSTALLATIONS



WITH HINGED RECESS DOOR

This type installation enables a Pella Folding Door to be stacked into the recessed area and the door closed to cover end of door. Depth of pocket is determined by adding 2" to the stack dimension of the double end post door required. (Door stops, hinged pocket door and trim by others)



WITH SLIDING RECESS PANEL

This type installation also enables entire door to be stacked into the recessed area. When door is in use, panel travels forward and covers opening to recessed area. Pocket depth is determined by adding ½" to stack dimension of double end post door. (Sliding panel stops and trim by others)

CONCEALED TRACK

Beveled track mould is furnished with each Pella Folding Door. It comes drilled and complete with screws for attaching to door header or ceiling.

STEEL ROLLERS OR STEEL SLIDES

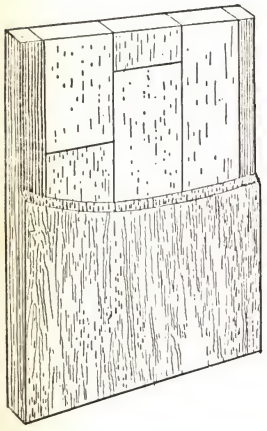
Steel ball bearing rollers are furnished on doors requiring **heavy** track. Steel slides are used on doors that use **light** track.

LATCH IS STANDARD EQUIPMENT

Spring-type latch is furnished and mounted in door end post at factory. Saves labor on the job.

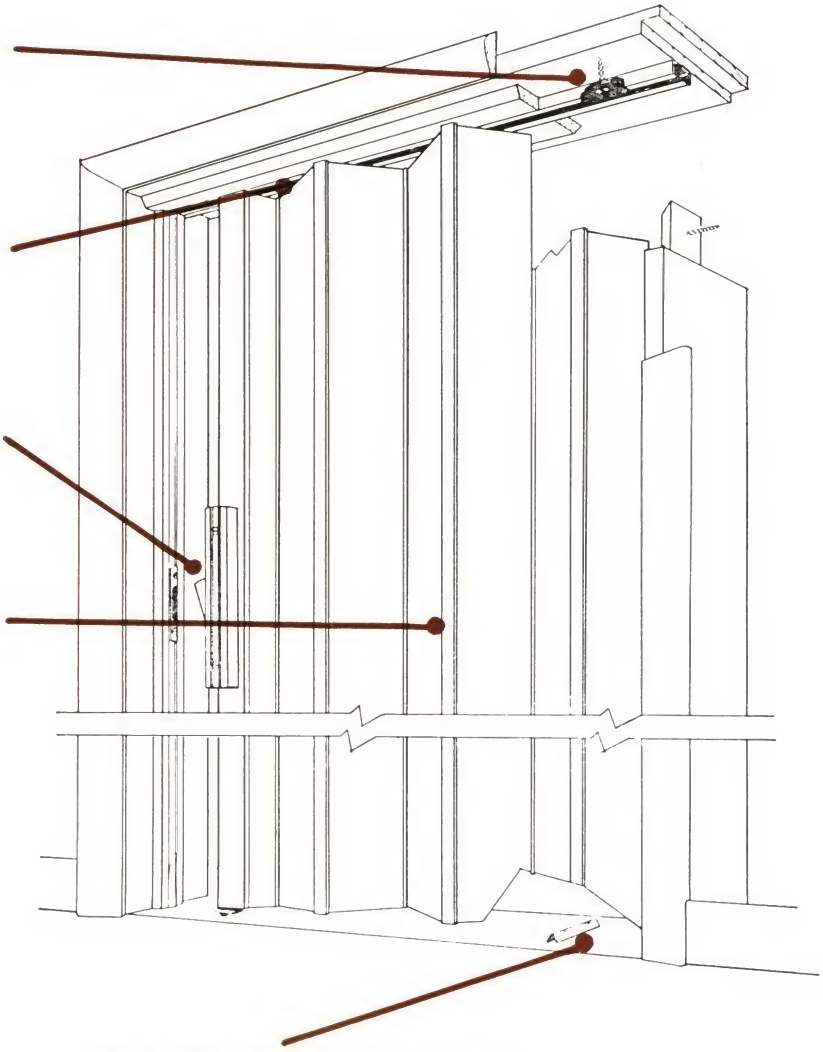
EXCLUSIVE SPRING HINGING

Steel springs hold Pella door panels together and also act as hinges. These springs run horizontally through the door panels and are spaced 14 7/10" apart.



LAMINATED DOOR PANEL

Core blocks of Pella door panels are laminated with waterproof, plastic glue. Pella's special design and processing of panels assures vertical alignment.



FLOOR STOP ASSURES "TIGHT STACK"

When Pella door is folded back, metal catch on bottom of end post engages floor stop. This holds folded door tight against jamb.

SPECIFICATIONS

1. GENERAL: Doors shall be of wood, folding, accordion-type, suspending from a track at the head. There shall be no guide or track at the floor. All spring hinges [illegible] concealed in the stacked position. Doors shall be factory assembled.

2. TRACK AND HANGERS: Track shall [illegible] gauge in thickness and shall have a [illegible] connecting casing. Doors [illegible] in width and up to [illegible] in height shall be supplied with [illegible] roller ball bearing hangers. Doors in size combination over 6' 1½" in width and 9' 1" in height shall be supplied with ⅞" x 13/16" track and ball bearing wheel hangers. Hangers shall be installed on alternate panels.

3. PANELS: All panels shall be made of carefully selected, kiln-dried lumber. Panels shall have glued-up block cores faced with veneers bonded with waterproof plastic glues. Panels shall be ⅝" thick and 3⅛" wide.

4. HARDWARE: All metal parts shall be either stainless steel or plated with suitable corrosion-resistant coatings. Spring hinges shall be made of .024 hard drawn high basic spring wire, galvanized before drawing and shall be 5/32" in diameter. Doors shall be supplied complete with all necessary screws, latches and installation hardware. It shall be possible to install all hardware without cutting or mortising the door openings.

5. TRIM: Doors shall be supplied with wood head mould to conceal the track and a jamb mould for jamb closure.

NOTE: Specifications subject to change without notice.

ROLSCREEN COMPANY

PELLA, IOWA

OTHER Pella® PRODUCTS include Pella Casement and Multi-Purpose Windows, Pella Venetian Blinds and Pella Rolscreens. For list of Pella Sales Representatives, see back cover of Pella Window Catalog in Sweet's.

Form No. D-55